

Trans Adriatic Pipeline (TAP) ESAP - DRAFT (15 December 2017)

Item	Lender Guideline	Environmental & Social Risk	Required Action	Responsible party	Time frame**	Target & Evaluation Criteria for Successful Implementation	Status
1	PR1/PS1/EIB1	Environmental and Social Management Plans (ESMPs)	Where required, TAP will update the ESMPs prior to operations to reflect the dynamic aspects of Project development (and differences between construction & operations).	TAP	2 months prior to commencement of operations.	Revised ESMPs provided to Anchor Lenders and IESC for review and approval Revised ESMPs to be disclosed on TAP website	Open
2	PR1/PS1/EIB6	Independent Environmental and Social performance monitoring	An Independent External Monitoring Group (IEMG) to be set up, the scope of which will cover review/monitoring of the performance (and compliance) with Applicable Lender Standards) of: <ul style="list-style-type: none"> • Environmental and Ecological Management including re-instatement • Social impact management, stakeholder engagement and grievance management • Livelihoods restoration and related compensation • Workforce and welfare Management • Health and Safety management at worksite and communities • Cultural heritage <p>The IEMG will involve third-party monitors and civil society including project-affected stakeholders.</p>	TAP	End of January 2018 (publication of ToR on TAP website) following agreement with the Lenders Q1 2018 appoint IEMG Q2 2018 - publication of IEMG Work Plan on TAP website	TAP will issue externally on its website the Terms of Reference for the IEMG, including details of how civil society will be incorporated into the process for the independent external monitoring group in each of TAPs operating countries. IEMG in place by Q1 2018 TAP will issue externally on its website a work plan agreed with the IEMG that will include background information, duties and coordination, group membership, annual monitoring visit and reporting schedule, and reporting and disclosure process. Reports on the outputs of the IEMG Work Plan and TAPs response to be shared with Lenders on a 6 monthly basis.	Open
3	PR2/PS2/EIB9	Worker Grievance Mechanism	In-Country Worker Grievance Mechanisms to be amended to include access to recourse or legal mechanisms if grievance remain unresolved.	TAP	Prior to financial close	Revised In-Country Grievance Mechanisms provided to Anchor Lenders and IESC for review and approval Revised plans to be disclosed on TAP website	Open
4	PR3/PS3/EIB2	Management of potential contaminated soils encountered during trenching and other construction activities	TAP to develop procedures & provide documentation for how contaminated soils/sites encountered during the works are to be managed.	TAP/ TAP Sub-contractor	Prior to financial close	Relevant Procedure / Environmental & Social Implementation Plan (ESIP) to be provided to Anchor Lenders & IESC for review	Open
5	PR3/PS3/EIB2	Reinstatement and soil erosion protection measures in areas with steep slopes.	TAP to provide regular updates to Anchor Lenders on their ongoing quarterly review of contractor work in areas of steep slopes as conducted by their Subject Matter Experts, and allow periodical participation by the Anchor Lenders on such reviews to observe right of way management and soil erosion control measures.	TAP	Quarterly updates, 2017 onwards	Quarterly updates	Open
6	PR6/PS6/EIB3	Supplementary pre-construction marine surveys will be undertaken to support construction planning and preparation of relevant marine management plans and construction method statements prepared by the	TAP will carry out the following future activities: <ul style="list-style-type: none"> • Completion of marine environmental seabed and water column surveys in Albania in Q4 2017 /Q1 2018 • Review of deep water critical habitat seabed data and anchoring plans to define the scope and schedule of the additional geophysical data 	TAP/TAP Sub-contractors	All surveys to be completed at least 4 months prior to marine construction (as per approach outlined in the Ecological Management Plan)	Following completion of the additional marine surveys, TAP will update, where required, the Ecological Management Plan (EcMP – including marine Route Impact Environmental Register (REIR) for	Open

Item	Lender Guideline	Environmental & Social Risk	Required Action	Responsible party	Time frame**	Target & Evaluation Criteria for Successful Implementation	Status
		EPC Contractor and approved by TAP.	<p>and ROV (imagery) survey by the end of March 2018</p> <ul style="list-style-type: none"> Engagement with the Italian competent authorities and finalization of all Italian water marine management plans prior to the start of marine construction work in Q4 2018, these will include: <ul style="list-style-type: none"> Bioconstructions Management Plan Sea Grass Management Plan Marine Megafauna Mitigation Protocol (MMMP)* Deep Water Marine Management Plan Development of a Rock Placement Management Plan that includes: cross-reference to activity-specific Marine Mammal Observer (MMO) procedures/controls; placement controls (chute, video control etc.); use of washed, inert rock; and analysis to define minimum rock size to avoid wash-out). <p>*MMOs procedures will be developed within the updated MMMP specific to all relevant offshore construction activities including geophysical surveys, dredging, piling, rock placement and construction vessel movement and anchoring (to support implementation of the vessel code of code).</p>		Anchor Lender /IESC approval of the revised plans 2 months prior to the start of marine construction	Italy/Albania), Critical Habitat Assessment (CHA), Supplementary Ecological assessment (SEA), Biodiversity Offset Strategy (BOS) and Italian and Albanian Cultural Heritage Management Plans. Revised plans will be provided to Anchor Lenders and IESC for review and approval Updated plans to be disclosed on TAP's website	
7	PR6/PS6/EIB3	Supplemental bat surveys	<p>Complete additional bat survey work in Italy to include:</p> <ul style="list-style-type: none"> Daytime visual assessment of trees to identify potential roost features (PRF); and Preconstruction Surveys: (Ultrasonic detector and/or endoscopic) to establish usage of those trees found to have Low/Moderate (Category 2) or High (Category 3) PRFs. 	TAP	<p>Daytime surveys: End of Q1 2018</p> <p>Pre-construction surveys: no more than one week before removal of the trees.</p>	Survey reports, REIR & site specific method statements, where required, provided to Anchor Lenders & IESC for review	Open
8	PR6/PS6/EIB3	Biodiversity Offsets	TAP and its Biodiversity Advisor(s) will reassess potential residual impacts to Critical Habitat and priority biodiversity features following reinstatement. In doing so, TAP will update the CHA and develop a more comprehensive Biodiversity Offset Management Plan (BOMP) to provide additional details and to refine the project's approach on biodiversity offset design, intended conservation outcomes, specific management actions (including detailed Biodiversity Action Plan) and details on the legal mechanisms of securing and establishing the prospective site(s).	TAP, External Biodiversity Experts	<p>Anchor Lenders and TAP to agree on BOMP Scope of Work Q2 2018</p> <p>Anchor Lenders to have non-objection rights with the selection of the BOMP consultant</p> <p>Draft BOMP Q2 2019</p> <p>Final BOMP, approved by Anchor Lenders, Q3 2019</p> <p>Implementation of BOMP, Q4 2019 onwards</p>	Final BOMP to be disclosed on TAP's website	Open

** Definition of Project milestones to be used for timeframe to be aligned with loan documentation definitions.